

BOARD NAME:
TIDA-01238 CAN SELECTABLE TERMINATION

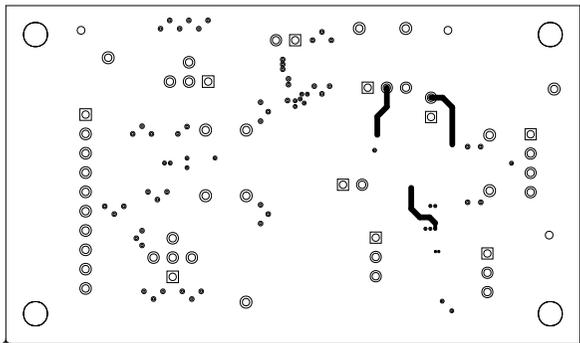
BOARD REV:
A

KSID:
17364

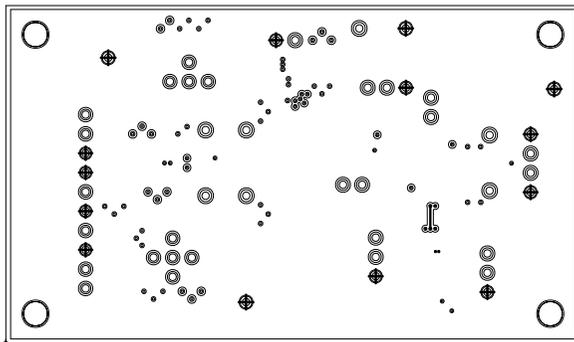
JOB NUMBER:
130643

ALL ARTWORK LAYERS VIEWED FROM TOP

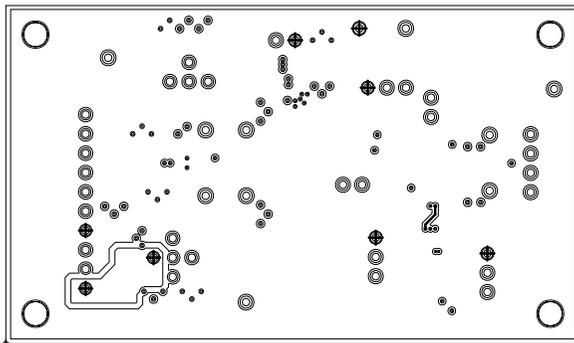
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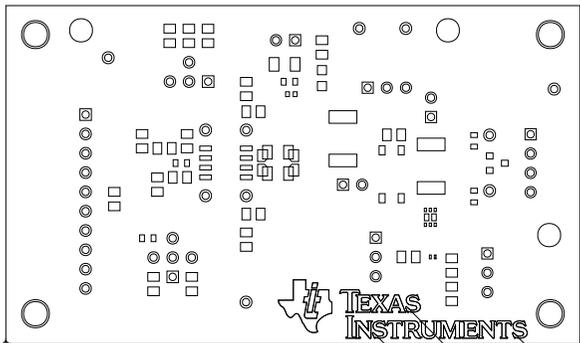
	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP	LAYER DESCRIPTION: X1X2X3X4X5X6X7X8X9X10X11X12X13X14X15X16X17X18X19X20X21X22X23X24X25X26X27X28X29X30X31X32X33X34X35X36X37X38X39X40X41X42X43X44X45X46X47X48X49X50X51X52X53X54X55X56X57X58X59X60X61X62X63X64X65X66X67X68X69X70X71X72X73X74X75X76X77X78X79X80X81X82X83X84X85X86X87X88X89X90X91X92X93X94X95X96X97X98X99X100		



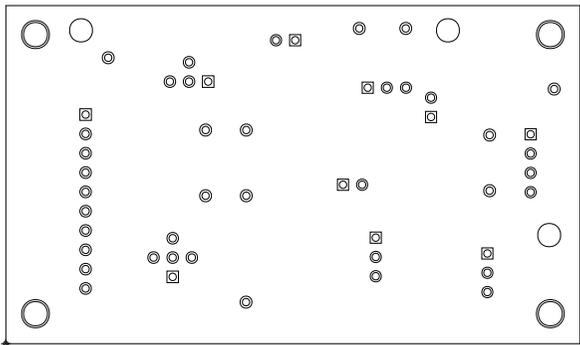
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	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: X1X2X3X4X5X6X7X8X9X10X11X12X13X14X15X16X17X18X19X20X21X22X23X24X25X26X27X28X29X30X31X32X33X34X35X36X37X38X39X40X41X42X43X44X45X46X47X48X49X50X51X52X53X54X55X56X57X58X59X60X61X62X63X64X65X66X67X68X69X70X71X72X73X74X75X76X77X78X79X80X81X82X83X84X85X86X87X88X89X90X91X92X93X94X95X96X97X98X99X100	



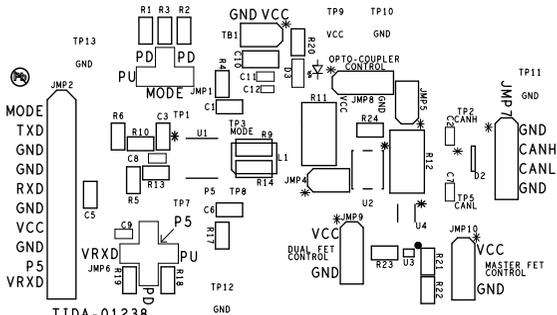
	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP	LAYER DESCRIPTION: XLAYXERX XB X-X XPWRX XPXVNE		



	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: XSOLDERMASKXTOPXXXXX	

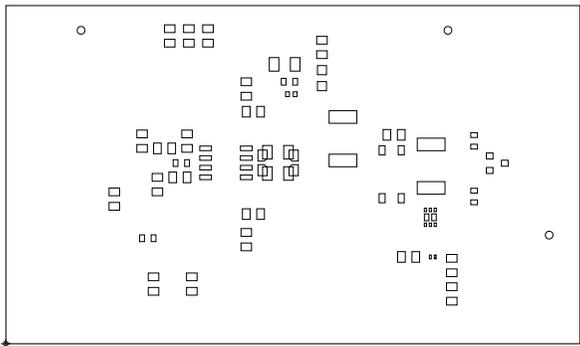


	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP	LAYER DESCRIPTION: XSOLDERMASKX BONDONX X		

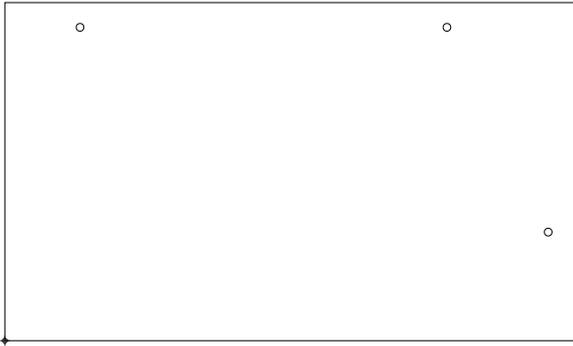


TIDA-01238
CAN SELECTABLE TERMINATION

	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP		LAYER DESCRIPTION: 1SILKSCREEN 2TOPX 3XXX	



	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP	LAYER DESCRIPTION: PMASK PMASK_XTOPXXXXX		



	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	ALL ARTWORK LAYERS VIEWED FROM TOP	LAYER DESCRIPTION: PMASKMASKX BOTTOMXX		

8 7 6 5 4 3 2 1

D

D

C

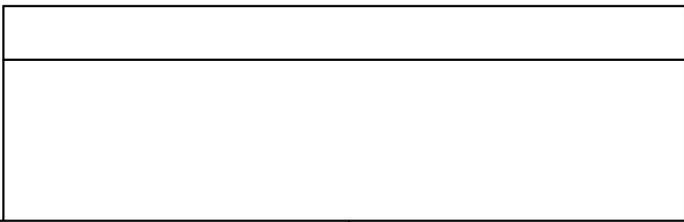
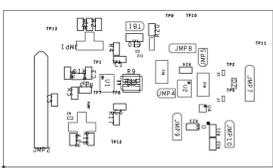
C

B

B

A

A



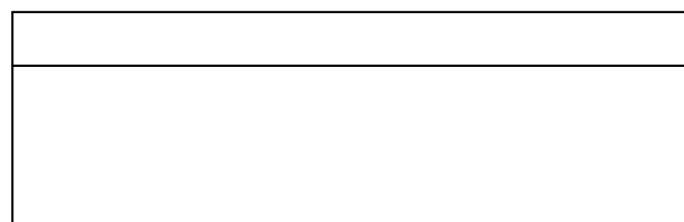
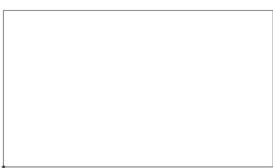
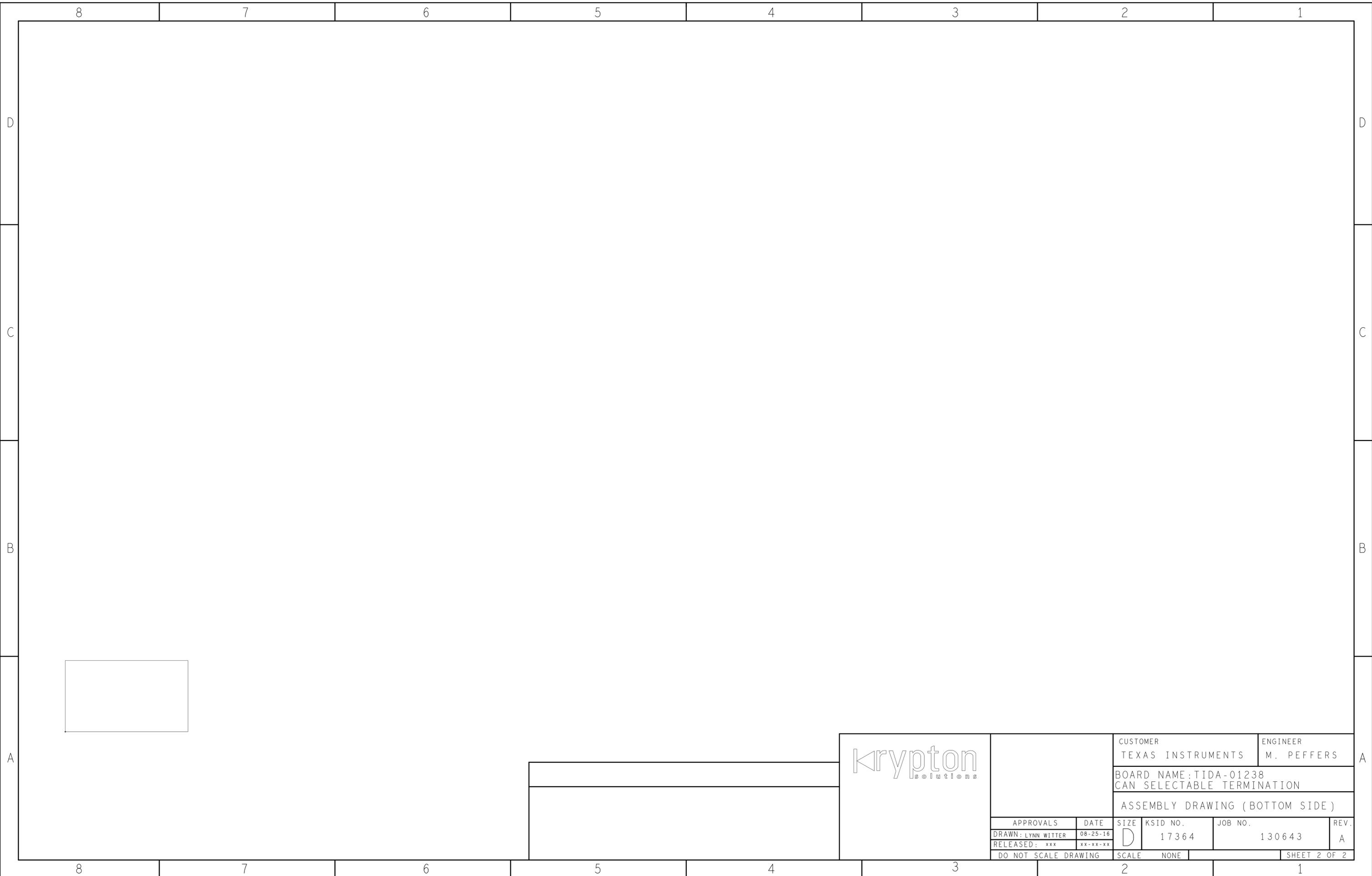
APPROVALS		DATE	SIZE	KSID NO.	JOB NO.	REV.
DRAWN: LYNN WITTER		08-25-16	D	17364	130643	A
RELEASED: xxx		xx-xx-xx	SCALE NONE		SHEET 1 OF 2	
DO NOT SCALE DRAWING						

CUSTOMER: TEXAS INSTRUMENTS
 ENGINEER: M. PEFFERS

BOARD NAME: TIDA-01238
 CAN SELECTABLE TERMINATION

ASSEMBLY DRAWING (TOP SIDE)

8 7 6 5 4 3 2 1



APPROVALS		DATE	SIZE	KSID NO.	JOB NO.	REV.
DRAWN: LYNN WITTER		08-25-16	D	17364	130643	A
RELEASED: xxx		xx-xx-xx				
DO NOT SCALE DRAWING			SCALE	NONE	SHEET 2 OF 2	

CUSTOMER: TEXAS INSTRUMENTS
 ENGINEER: M. PEFFERS

BOARD NAME: TIDA-01238
 CAN SELECTABLE TERMINATION

ASSEMBLY DRAWING (BOTTOM SIDE)

8 7 6 5 4 3 2 1

D

D

C

C

B

B

A

A

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

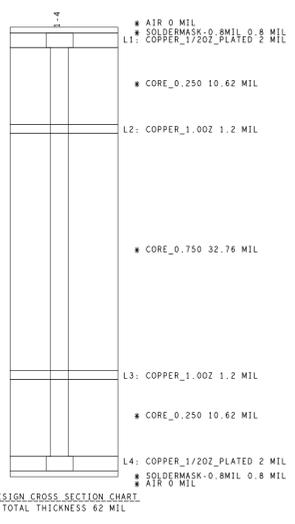


TABLE 1:

LAYER NO.	LAYER NAME	DIFFERENTIAL PAIR IMPEDANCE (OHMS)	DIFF TRACE WIDTH	DIFF TRACE SPACING	SINGLE ENDED IMPEDANCE (OHMS)	SINGLE ENDED TRACE WIDTH	REFERENCE LAYER
LAYER 1	TOP				50 +/- 10%	0.013"	LAYER 2
LAYER 2	L2_GND						
LAYER 3	L3_PWR						
LAYER 4	BOTTOM						

SPECIAL FAB NOTES:

- 1: FAB SHOP MUST FOLLOW THE SOLDER MASK REVIEW LAYERS.
- 2:

PLACE DRILL CHART HERE:

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
-	6.0	+3.0/-6.0	PLATED	2
-	8.0	+3.0/-8.0	PLATED	5
-	10.0	+3.0/-3.0	PLATED	6
-	10.0	+3.0/-10.0	PLATED	13
-	12.0	+3.0/-3.0	PLATED	48
-	38.0	+3.0/-3.0	PLATED	19
-	38.0	+3.0/-3.0	PLATED	30
G	125.0	+2.0/-2.0	NON-PLATED	4

DESIGN INFORMATION

BOARD SIZE (REFER ALSO ARRAY/PANEL PROFILING INFORMATION)
 NUMBER OF LAYERS: 4
 MIN. TRACK WIDTH: 13.0 MIL
 MIN. CLEARANCE: X.X MIL
 MIN. VIA PAD/DRILL: 08/16 MIL

MIN. ANNULAR RING 2 MIL EXTERNAL PER IPC-6012C CLASS 2
 REGISTRATION TOLERANCES: METAL +/- X MIL, HOLES +/- X MIL
 IMPEDANCE CONTROL: NONE YES - SEE TABLE 1
 MIXED DIELECTRIC: NO YES
 LAMINATE MATERIAL:
 FR-4 HIGH Tg ROGERS 4350B OTHER: _____
 THICKNESS:
 0.062" +/-10% 0.093" +/-10% OTHER: _____
 TOLERANCE: IPC-6012C TYPE 3 CLASS 2 OTHER +/-
 BOW & TWIST: IPC-6012C TYPE 3 CLASS 2 OTHER +/-

COPPER THICKNESS (FINISHED):
 OUTER: 1/4 OZ. 1/2 OZ. 1.0 OZ. 2.0 OZ.
 INNER SIGNAL: 1/4 OZ. 1/2 OZ. 1.0 OZ. 2.0 OZ.
 INNER PLANE: 1/4 OZ. 1/2 OZ. 1.0 OZ. 2.0 OZ.
 OTHER: _____

BOARD FINISH:
 SILKSCREEN: TOP BOTTOM
 SILKSCREEN COLOR: WHITE OTHER _____

SOLDERMASK: (PER IPC-6011,6012)
 TOP BOTTOM
 SOLDERMASK COLOR: GREEN BLUE OTHER _____

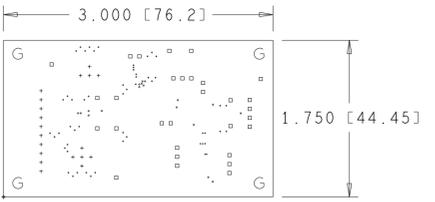
THROUGH-HOLE VIA TREATMENT:
 OPEN TENTED IDENTIFIER: ALL X MIL VIAS
 VIA FILL USING NON-CONDUCTIVE EPOXY:
 NO YES IDENTIFIER: ALL X MIL VIAS

THIEVING ALLOWED: YES NO
 BOARD SURFACE TREATMENT:
 NICKEL/GOLD (ENIG) ORGANIC (OSP) HASL ENIPIG
 IMMERSION TIN OTHER _____

FOR WIRE BONDING:
 HARD GOLD SOFT GOLD PER SUPPLIED ARTWORK

ADDITIONAL REQUIREMENTS:
 MICRO-SECTION TDR REPORTS/COUPONS ELECTRICAL TEST
 CERTIFICATES OF COMPLIANCE RoHS UL 94V-0

VENDOR MARKING:
 VENDOR DATE CODE, UL, LOGO: ETCH SILKSCREEN BREAK-AWAY
 IN AN OPEN AREA WHERE INDICATED (SEE DRAWING)



	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	BOARD REV: A	KSID: 17364	JOB NUMBER: 130643
	LAYER DESCRIPTION: FABRICATION DRAWING			

	CUSTOMER TEXAS INSTRUMENTS	ENGINEER M. PEFFERS
	BOARD NAME: TIDA-01238 CAN SELECTABLE TERMINATION	
FABRICATION DRAWING		
APPROVALS	DATE	SIZE
DRAWN: LYNN WITTER	08-25-16	D
RELEASED: xxx	xx-xx-xx	
DO NOT SCALE DRAWING	SCALE NONE	
KSID NO. 17364		JOB NO. 130643
REV. A		SHEET 1 OF 1

8 7 6 5 4 3 2 1

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